

REMARKS

Claims 1-9 are pending in the present application. Claims 1, 2, 6 and 7 are rejected.
Claim 8 is herein amended. No new matter has been entered.

Specification

The abstract of the disclosure is objected to because the abstract is not in the form of one paragraph. Applicants herein amend the abstract as follows:

An improved mineralizer used for a process for obtaining bulk mono-crystalline gallium-containing nitride of a general formula of $\text{Al}_x\text{Ga}_{1-x}\text{N}$, where $0 \leq x < 1$ in an environment of supercritical ammonia-containing solution has been now proposed. According to the invention growth rate and quality of the product obtained can be controlled by suitable selection of mineralizer, so as to ensure presence of ions of Group I element (IUPAC 1989), preferably sodium in combination with other components selected from the group consisting of Group I elements (IUPAC 1989), ions of Group II elements (IUPAC 1989), one or more substances containing oxygen-free species causing some weakening of the ammono-basic nature of the supercritical solvent, optionally in combination with Group II elements (IUPAC 1989), preferably calcium or magnesium.

~~The improved bulk mono-crystals obtained thereby are intended mainly for use in the field of opto-electronics.~~

Claim 5 is objected to because the Examiner asserts that the word "moneralizer" should be --mineralizer--.

Applicants respectfully disagree with this objection, and note no such misspelling, either in the original specification or in the preliminary amendment filed with the original specification. Applicants therefore traverse this objection.

Applicants note a misspelling in claim 8, and amend the claim to correct it. Applicants herein change the term, "aeoordintg" to "according", to correct the typographical error.

Double Patenting

Claims 1, 2, 6 and 7 are provisionally rejected on the ground of obviousness-type double patenting as being unpatentable over claims 1, 5, 6 and 17 of copending Application No. 10/519,141. The Examiner assert that although the conflicting claims are not identical, they are not patentably distinct from each other because both applications teach a process of obtaining bulk mono-crystalline gallium containing nitride in an ammonia-containing solvent utilizing Group I and Group II elements.

Applicants herein submit a terminal disclaimer in compliance with 37 C.F.R. §1.321(c) to overcome the rejection.

In view of the aforementioned amendments and accompanying remarks, Applicants submit that that the claims, as herein amended, are in condition for allowance. Applicants request such action at an early date.

Application No. 10/538,349
Attorney Docket No. 052683

Amendment under 37 C.F.R. §1.111
Amendment filed July 23, 2007

If the Examiner believes that this application is not now in condition for allowance, the Examiner is requested to contact Applicants' undersigned attorney to arrange for an interview to expedite the disposition of this case.

If this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. The fees for such an extension or any other fees that may be due with respect to this paper may be charged to Deposit Account No. 50-2866.

Respectfully submitted,

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